

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 October 2003 (16.10.2003)

PCT

(10) International Publication Number
WO 03/084917 A1

(51) International Patent Classification⁷: C07C 65/28,
C07D 213/00, 239/00, C07C 229/56, 233/00, 311/00,
C07D 265/28, 229/00, A61K 31/19, 31/435, 31/465,
31/495, A61P 29/00, 19/00, 13/00

Stevenage, Hertfordshire SG1 2NY (GB). NOVELLI,
Riccardo [IT/GB]; GlaxoSmithKline, The Frythe, Wel-
wyn, Hertfordshire AL6 9AR (GB).

(21) International Application Number: PCT/EP03/03661

(74) Agent: RUTTER, Keith; GlaxoSmithKline, Corporate In-
tellectual Property, CN925.1, 980 Great West Road, Brent-
ford, Middlesex TW8 9GS (GB).

(22) International Filing Date: 7 April 2003 (07.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0208045.5 8 April 2002 (08.04.2002) GB
0302881.8 7 February 2003 (07.02.2003) GB

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): GLAXO
GROUP LIMITED [GB/GB]; Glaxo Wellcome House,
Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): GIBLIN, Ger-
ard, Martin, Paul [GB/GB]; GlaxoSmithKline, The
Frythe, Welwyn, Hertfordshire AL6 9AR (GB). HALL,
Adrian [GB/GB]; GlaxoSmithKline, The Frythe, Wel-
wyn, Hertfordshire AL6 9AR (GB). HURST, David,
Nigel [GB/GB]; GlaxoSmithKline, The Frythe, Wel-
wyn, Hertfordshire AL6 9AR (GB). KILFORD, Ian,
Reginald [GB/GB]; GlaxoSmithKline, The Frythe, Wel-
wyn, Hertfordshire AL6 9AR (GB). LEWELL, Xiao,
Qing [GB/GB]; GlaxoSmithKline, Gunnels Wood Road,
Stevenage, Hertfordshire SG1 2NY (GB). NAYLOR,
Alan [GB/GB]; GlaxoSmithKline, Gunnels Wood Road,

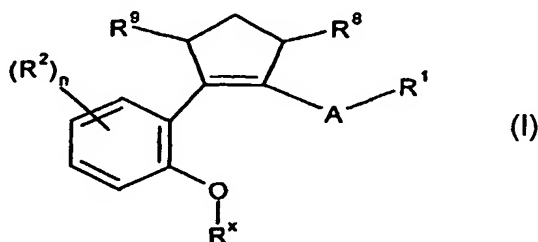
(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, GM, GN, GU,
GW, ML, MR, NE, SE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: (2-((2-ALKOXY)-PHENYL)-CYCLOPENT-1-ENYL) AROMATIC CARBO AND HETEROCYCLIC ACID AND DERIVATIVES



(57) Abstract: Compounds of formula (I) or a pharmaceutically acceptable derivative thereof: (I) wherein A, R¹, R², R^x, R⁸, R⁹ and n are as defined in the specification, a process for the preparation of such compounds, pharmaceutical compositions comprising such compounds and the use of such compounds in medicine.

WO 03/084917 A1

BEST AVAILABLE COPY